
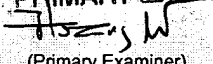
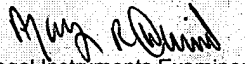


|  |                        |                     |  |
|--|------------------------|---------------------|--|
| <b>Issue Classification</b><br> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|  | 10/617,419             | SHIMIZU ET AL.      |  |
|  | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|  | Hoang Ngo              | 2852                |  |

| ISSUE CLASSIFICATION   |      |          |  |  |                                   |  |  |   |  |
|--|------|----------|--|--|-----------------------------------|--|--|---|--|
| ORIGINAL   |      |          |  | CROSS REFERENCE(S)   |                                   |  |  |   |  |
| CLASS  |      | SUBCLASS |  | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |   |  |
| 399  |      | 328      |  | 219  | 619                               |  |  |   |  |
| INTERNATIONAL CLASSIFICATION   |      |          |  | 399  | 330                               |  |  |   |  |
| G 0 3  | G 15 | / 20     |  |  |                                   |  |  |   |  |
|  |      | /        |  |  |                                   |  |  |   |  |
|  |      | /        |  |  |                                   |  |  |   |  |
|  |      | /        |  |  |                                   |  |  |   |  |
|  |      | /        |  |  |                                   |  |  |   |  |
|  |      |          |  | <b>HOANG NGO</b><br><b>PRIMARY EXAMINER</b><br><br>(Primary Examiner) |                                   |  |  | <b>Total Claims Allowed:</b> 25<br>O.G. Print Claim(s) 1<br>O.G. Print Fig. 9 |  |
| (Assistant Examiner) (Date)<br><br>(Legal Instruments Examiner) 1/28/05<br>(Date) |      |          |  |  |                                   |  |  |   |  |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|---|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final   | Original | Final                        | Original | Final                         | Original | Final                           | Original |
|   | 1        |                              | 31       |                               | 61       |                                 | 91       |
|   | 2        |                              | 32       |                               | 62       |                                 | 92       |
|   | 3        |                              | 33       |                               | 63       |                                 | 93       |
|   | 4        |                              | 34       |                               | 64       |                                 | 94       |
|   | 5        |                              | 35       |                               | 65       |                                 | 95       |
|   | 6        |                              | 36       |                               | 66       |                                 | 96       |
|   | 7        |                              | 37       |                               | 67       |                                 | 97       |
|   | 8        |                              | 38       |                               | 68       |                                 | 98       |
|   | 9        |                              | 39       |                               | 69       |                                 | 99       |
|   | 10       |                              | 40       |                               | 70       |                                 | 100      |
|   | 11       |                              | 41       |                               | 71       |                                 | 101      |
|   | 12       |                              | 42       |                               | 72       |                                 | 102      |
|   | 13       |                              | 43       |                               | 73       |                                 | 103      |
|   | 14       |                              | 44       |                               | 74       |                                 | 104      |
|   | 15       |                              | 45       |                               | 75       |                                 | 105      |
|   | 16       |                              | 46       |                               | 76       |                                 | 106      |
|   | 17       |                              | 47       |                               | 77       |                                 | 107      |
|   | 18       |                              | 48       |                               | 78       |                                 | 108      |
|   | 19       |                              | 49       |                               | 79       |                                 | 109      |
|   | 20       |                              | 50       |                               | 80       |                                 | 110      |
|   | 21       |                              | 51       |                               | 81       |                                 | 111      |
|   | 22       |                              | 52       |                               | 82       |                                 | 112      |
|   | 23       |                              | 53       |                               | 83       |                                 | 113      |
|   | 24       |                              | 54       |                               | 84       |                                 | 114      |
|   | 25       |                              | 55       |                               | 85       |                                 | 115      |
|   | 26       |                              | 56       |                               | 86       |                                 | 116      |
|   | 27       |                              | 57       |                               | 87       |                                 | 117      |
|   | 28       |                              | 58       |                               | 88       |                                 | 118      |
|   | 29       |                              | 59       |                               | 89       |                                 | 119      |
|   | 30       |                              | 60       |                               | 90       |                                 | 120      |
|   |          |                              |          |                               |          |                                 | 121      |
|   |          |                              |          |                               |          |                                 | 122      |
|   |          |                              |          |                               |          |                                 | 123      |
|   |          |                              |          |                               |          |                                 | 124      |
|   |          |                              |          |                               |          |                                 | 125      |
|   |          |                              |          |                               |          |                                 | 126      |
|   |          |                              |          |                               |          |                                 | 127      |
|   |          |                              |          |                               |          |                                 | 128      |
|   |          |                              |          |                               |          |                                 | 129      |
|   |          |                              |          |                               |          |                                 | 130      |
|   |          |                              |          |                               |          |                                 | 131      |
|   |          |                              |          |                               |          |                                 | 132      |
|   |          |                              |          |                               |          |                                 | 133      |
|   |          |                              |          |                               |          |                                 | 134      |
|   |          |                              |          |                               |          |                                 | 135      |
|   |          |                              |          |                               |          |                                 | 136      |
|   |          |                              |          |                               |          |                                 | 137      |
|   |          |                              |          |                               |          |                                 | 138      |
|   |          |                              |          |                               |          |                                 | 139      |
|   |          |                              |          |                               |          |                                 | 140      |
|   |          |                              |          |                               |          |                                 | 141      |
|   |          |                              |          |                               |          |                                 | 142      |
|   |          |                              |          |                               |          |                                 | 143      |
|   |          |                              |          |                               |          |                                 | 144      |
|   |          |                              |          |                               |          |                                 | 145      |
|   |          |                              |          |                               |          |                                 | 146      |
|   |          |                              |          |                               |          |                                 | 147      |
|   |          |                              |          |                               |          |                                 | 148      |
|   |          |                              |          |                               |          |                                 | 149      |
|   |          |                              |          |                               |          |                                 | 150      |
|   |          |                              |          |                               |          |                                 | 151      |
|   |          |                              |          |                               |          |                                 | 152      |
|   |          |                              |          |                               |          |                                 | 153      |
|   |          |                              |          |                               |          |                                 | 154      |
|   |          |                              |          |                               |          |                                 | 155      |
|   |          |                              |          |                               |          |                                 | 156      |
|   |          |                              |          |                               |          |                                 | 157      |
|   |          |                              |          |                               |          |                                 | 158      |
|   |          |                              |          |                               |          |                                 | 159      |
|   |          |                              |          |                               |          |                                 | 160      |
|   |          |                              |          |                               |          |                                 | 161      |
|   |          |                              |          |                               |          |                                 | 162      |
|   |          |                              |          |                               |          |                                 | 163      |
|   |          |                              |          |                               |          |                                 | 164      |
|   |          |                              |          |                               |          |                                 | 165      |
|   |          |                              |          |                               |          |                                 | 166      |
|   |          |                              |          |                               |          |                                 | 167      |
|   |          |                              |          |                               |          |                                 | 168      |
|   |          |                              |          |                               |          |                                 | 169      |
|   |          |                              |          |                               |          |                                 | 170      |
|   |          |                              |          |                               |          |                                 | 171      |
|   |          |                              |          |                               |          |                                 | 172      |
|   |          |                              |          |                               |          |                                 | 173      |
|   |          |                              |          |                               |          |                                 | 174      |
|   |          |                              |          |                               |          |                                 | 175      |
|   |          |                              |          |                               |          |                                 | 176      |
|   |          |                              |          |                               |          |                                 | 177      |
|   |          |                              |          |                               |          |                                 | 178      |
|   |          |                              |          |                               |          |                                 | 179      |
|   |          |                              |          |                               |          |                                 | 180      |
|   |          |                              |          |                               |          |                                 | 181      |
|   |          |                              |          |                               |          |                                 | 182      |
|   |          |                              |          |                               |          |                                 | 183      |
|   |          |                              |          |                               |          |                                 | 184      |
|   |          |                              |          |                               |          |                                 | 185      |
|   |          |                              |          |                               |          |                                 | 186      |
|   |          |                              |          |                               |          |                                 | 187      |
|   |          |                              |          |                               |          |                                 | 188      |
|   |          |                              |          |                               |          |                                 | 189      |
|   |          |                              |          |                               |          |                                 | 190      |
|   |          |                              |          |                               |          |                                 | 191      |
|   |          |                              |          |                               |          |                                 | 192      |
|   |          |                              |          |                               |          |                                 | 193      |
|   |          |                              |          |                               |          |                                 | 194      |
|   |          |                              |          |                               |          |                                 | 195      |
|   |          |                              |          |                               |          |                                 | 196      |
|   |          |                              |          |                               |          |                                 | 197      |
|   |          |                              |          |                               |          |                                 | 198      |
|   |          |                              |          |                               |          |                                 | 199      |
|   |          |                              |          |                               |          |                                 | 200      |
|   |          |                              |          |                               |          |                                 | 201      |
|   |          |                              |          |                               |          |                                 | 202      |
|   |          |                              |          |                               |          |                                 | 203      |
|   |          |                              |          |                               |          |                                 | 204      |
|   |          |                              |          |                               |          |                                 | 205      |
|   |          |                              |          |                               |          |                                 | 206      |
|   |          |                              |          |                               |          |                                 | 207      |
|   |          |                              |          |                               |          |                                 | 208      |
|   |          |                              |          |                               |          |                                 | 209      |
|   |          |                              |          |                               |          |                                 | 210      |